

## Stainless steel/Protection against dust and water splashes IP65...68

### KERN scales – not scared of water at all!

Scales used in industrial situations or the food industry are often exposed to extreme stresses and strains. Water, oils, fats, varnish, dust, dirt, flour, small parts, etc. are all natural enemies of a scale. In industries such as the chemical, pharmaceutical, food, manufacturing industries, etc. scales must be able to cope with these stresses without this affecting their performance.


For use in such harsh environmental conditions, levels of protection are defined, which specify which environmental stresses a system can be exposed to with respect to the level of contact, foreign object and moisture protection, without damage being caused to the unit. These levels of protection are described in the following standard: “DIN EN 60529: protection types through housing” The IP code usually consists of a two-digit combination, which gives the relevant level of protection, e.g. IP68.

The first digit specifies the protection level for contact protection and protection against foreign bodies (dust protection), the second digit is for the water and moisture protection (protection against splashes of water).

All stainless steel components of the IP65...68 protected KERN stainless steel scales are made of corrosion-resistant steel of quality class 1.4301 (DIN X5CrNi18-10). The material properties support you in your ► **HACCP**-compliant quality system.

► See the glossary on page 206–208

### Extract from the standard: “DIN EN 60529: protection types through housing”:









KERN-Pictogram	1. digit	Specification	2. digit	Specification
	6	Dustproof	5	Protection against jets of water (nozzle) from any angle (cleaning with a damp cloth)
	6	Dustproof	6	Protection against powerful jets of water
	6	Dustproof	7	Protection against temporary immersion
	6	Dustproof	8	Protection against continuous immersion (designed for continuous use in wet areas, submersion is possible depending on the pressure (water depth))

## HIGHLIGHT



- Now with innovative checkweighing display
- Now also with EC-Type Approval [M]
- High mobility: thanks to compact, flat construction and low weight, it is suitable for use in several locations (kitchen, cafeteria, warehouse etc.)

# Quick-Finder Stainless steel/Protection against dust and water splashes IP65...68

Readability [d] g	Weighing capacity [Max] kg	Model	Page	       	For an explanation on the pictos, see the front flap										
	0,1	0,5	<b>FOB 500-1S</b>	72	1			●						●	
	0,1	0,5	<b>FOB 0.5K-4NS</b>	72	1			●						●	
	0,2	1,5	<b>WTB 1K-4N</b>	75	1			●			●	●			○
	0,2	1,5	<b>FFN 1K-4N</b>	76	1			●				●	●		●
	0,2	3	<b>FOB 3K-4NL</b>	74	1			●				●	●		
	0,5	1,5	<b>FOB 1.5K0.5</b>	73	1			●				●	●		○
	0,5	1,5	<b>FOB 1K-4LM</b>	73	1		○	●				●	●		○
	0,5	1,5	<b>WTB 1K-4NM</b>	75	1		○	●			●	●			○
	0,5	1,5	<b>FFN 1K-4NM</b>	76	1		○	●			●	●			●
	0,5	3	<b>WTB 3K-4N</b>	75	1			●			●	●			○
	0,5	3	<b>FFN 3K0.5IPN</b>	76	1			●				●	●		●
	0,5	3	<b>FXN 3K-4N</b>	77	1			●			●	●			
0,5   1		5   7,5	<b>FOB 7K-4NL</b>	74	1			●				●	●		
1		3	<b>FOB 3K1</b>	73	1			●				●	●		○
1		3	<b>FOB 3K-3LM</b>	73	1		○	●				●	●		○
1		3	<b>WTB 3K-3NM</b>	75	1		○	●			●	●			○
1		3	<b>FFN 3K1IPM</b>	76	1		○	●				●	●		●
1		3	<b>FXN 3K-3M</b>	77	1		○	●			●	●			
1		5	<b>FOB 5K1S</b>	72	1			●				●	●		
1		5	<b>FOB 5K-3NS</b>	72	1			●				●	●		
1		6	<b>WTB 6K-3N</b>	75	1			●			●	●			○
1		6	<b>FFN 6K1IPN</b>	76	1			●				●	●		●
1		6	<b>FXN 6K-3N</b>	77	1			●			●	●			
1		10	<b>SFB 10K1HIP</b>	78	1			●		○	●	●			●
1   2		3   6	<b>SXS 6K-3M</b>	79	1		○	●		○	●	●			○
1   2		8   15	<b>FOB 10K-3NL</b>	74	1			●				●	●		
2		6	<b>FOB 6K2</b>	73	1			●				●	●		○
2		6	<b>WTB 6K-3NM</b>	75	1		○	●			●	●			○
2		6	<b>FFN 6K2IPM</b>	76	1		○	●				●	●		●
2		6	<b>FXN 6K-3M</b>	77	1		○	●			●	●			
2		15	<b>WTB 10K-3N</b>	75	1			●			●	●			○
2		15	<b>FFN 15K2IPN</b>	76	1			●				●	●		●
2		15	<b>FXN 10K-3N</b>	77	1			●			●	●			
2		20	<b>SFB 20K2HIP</b>	78	1			●		○	●	●			●
2   5		6   15	<b>SXS 10K-3M</b>	79	1		○	●		○	●	●			○
2   5		6   15	<b>SXS 10K-3LM</b>	79	1		○	●		○	●	●			○
2   5		16   30	<b>FOB 30K-3NL</b>	74	1			●				●	●		
5		15	<b>FOB 10K-3LM</b>	73	1		○	●				●	●		○
5		15	<b>WTB 10K-3NM</b>	75	1		○	●			●	●			○
5		15	<b>FFN 15K5IPM</b>	76	1		○	●				●	●		●
5		15	<b>FXN 10K-3M</b>	77	1		○	●			●	●			
5		15	<b>SFB 15K5HIPM</b>	78	1		○	●		○	●	●			●
5		25	<b>FFN 25K5IPN</b>	76	1			●				●	●		●
5		30	<b>WTB 30K-3N</b>	75	1			●			●	●			○
5		30	<b>FXN 30K-3N</b>	77	1			●			●	●			
5		50	<b>SFB 50K5HIP</b>	78	1			●		○	●	●			●
5		50	<b>SFB 50K5LHIP</b>	78	1			●		○	●	●			●
5		50	<b>SFB 50K-3XL</b>	78	1			●		○	●	●			●
5   10		15   30	<b>SXS 30K-2M</b>	79	1		○	●		○	●	●			○
5   10		15   30	<b>SXS 30K-2LM</b>	79	1		○	●		○	●	●			○
10		25	<b>FFN 25K10IPM</b>	76	1		○	●				●	●		●
10		30	<b>WTB 30K-2NM</b>	75	1		○	●			●	●			○
10		30	<b>FXN 30K-2M</b>	77	1		○	●			●	●			
10		30	<b>SFB 30K10HIPM</b>	78	1		○	●		○	●	●			●
10		100	<b>SFB 100K10HIP</b>	78	1			●		○	●	●			●
10		100	<b>SFB 100K-2XL</b>	78	1			●		○	●	●			●
10   20		30   60	<b>SXS 60K-2M</b>	79	1		○	●		○	●	●			○
10   20		30   60	<b>SXS 60K-2LM</b>	79	1		○	●		○	●	●			○
20		60	<b>SFB 60K-2XLM</b>	78	1		○	●		○	●	●			●
20   50		60   150	<b>SXS 100K-2M</b>	79	1		○	●		○	●	●			○
20   50		60   150	<b>SXS 100K-2LM</b>	79	1		○	●		○	●	●			○
50		150	<b>SFB 100K-2HM</b>	78	1		○	●		○	●	●			●
50		150	<b>SFB 100K-2XLM</b>	78	1		○	●		○	●	●			●
50   100		150   300	<b>SXS 300K-2M</b>	79	1		○	●		○	●	●			○

News 2019

● = standard ○ = option



KERN FOB-S



KERN FOB-NS

Compact stainless steel balances with high level of protection against dust and water splashes

	KERN FOB-S	KERN FOB-NS
<b>Features</b>	<ul style="list-style-type: none"> <li>• <b>Stainless steel design of the housing</b> and weighing plate. Its smooth surfaces make it simple to clean</li> <li>• <b>High mobility:</b> thanks to battery operation, compact, lightweight construction, it is suitable for the use in several locations (kitchen, sales office, cafeteria, Food industry-Laboratory etc.)</li> <li>• Secure and non-slip positioning with rubber feet</li> <li>• <b>Protective working cover</b> included with delivery</li> </ul>	<ul style="list-style-type: none"> <li>• <b>Particularly flat design</b></li> <li>• <b>Protection against dust and water splashes IP65</b> (only when using battery)</li> </ul>
<b>Technical data</b>	<ul style="list-style-type: none"> <li>• Large LCD display, digit height 20 mm</li> <li>• Dimensions weighing surface, stainless steel, WxD 125x155 mm</li> <li>• Overall dimensions WxDxH 175x155x40 mm</li> <li>• Ready for use: Battery included, 9 V Block, operating time up to 20 h</li> <li>• Net weight approx. 0,7 kg</li> <li>• Permissible ambient temperature 10 °C/40 °C</li> </ul>	<ul style="list-style-type: none"> <li>• Large LCD display, digit height 20 mm</li> <li>• Dimensions weighing surface, stainless steel, WxD 120x150 mm</li> <li>• Overall dimensions WxDxH 170x150x40 mm</li> <li>• Ready for use: Batteries included, 9 V block, operating time up to 24 hours</li> <li>• Net weight approx. 0,8 kg</li> <li>• Permissible ambient temperature 10 °C/35 °C</li> </ul>
<b>Accessories</b>	<ul style="list-style-type: none"> <li>• <b>Protective working cover</b>, scope of delivery: 5 items, KERN FOB-A11S05</li> <li>• <b>Mains adapter external</b>, KERN FOB-A09</li> </ul>	<ul style="list-style-type: none"> <li>• <b>Protective working cover</b>, scope of delivery: 5 items, KERN FOB-A12S05</li> <li>• <b>Mains adapter external</b>, KERN FOB-A09</li> </ul>

STANDARD FOB-S



OPTION



STANDARD FOB-NS



OPTION



Model	Weighing capacity	Readability	Weighing plate WxD	Options	
				DAkkS Calibr. Certificate	
	[Max] kg	[d] g	mm	DKD KERN	
KERN FOB 500-1S	0,5	0,1	155x125	963-127	
FOB 5K1S	5	1	155x125	963-127	
FOB 0.5K-4NS	0,5	0,1	150x120	963-127	
FOB 5K-3NS	5	1	150x120	963-127	



## Stainless steel balance with special protection against humidity, also with EC-Type Approval [M]

### Features

- **1 NEW: Innovative weighing with tolerance range (Checkweighing):** The colour of the display changes depending on the weight (too light/ok/too heavy) and is an aid to help with portioning, dosing and grading
- **Stainless steel design** of the housing and weighing plate. Its smooth surfaces make it simple to clean
- **High mobility:** thanks to battery operation, compact, lightweight construction, it is suitable for the use in several locations (kitchen, sales office, cafeteria, Food industry-Laboratory etc.)
- Your support in a **HACCP-compliant** quality system
- **Secure and non-slip positioning** with rubber feet
- **Increased protection against humidity** through waterproof silicone sealing of the load cell, electronics and soldering joints

- **Check the weighing capacity which is in use** at the press of a button (net/gross weight)

### Technical data

- Large backlit LCD display, digit height 25 mm
- Dimensions weighing surface, Stainless steel
  - A W×D 165×175 mm, see larger picture
  - B W×D 215×215 mm
- Overall dimensions W×D×H
  - A 175×235×62 mm,
  - B 220×305×80 mm
- KERN FOB-LM: Optional battery operation, 4×1.5 V AA, standard, operating time up to 48 h, AUTO-OFF function to preserve the battery
- Net weight
  - A approx. 2,0 kg, B approx. 3,8 kg
- Permissible ambient temperature
  - A KERN FOB: 5 °C/35 °C,
  - B KERN FOB-LM: -10 °C/40 °C

### Accessories

- **Protective working cover**, scope of delivery: 5 items, KERN FOB-A13S05
- KERN FOB: **Rechargeable battery pack internal**, operating time up to 24 h without backlight, charging time approx. 8 h, KERN FOB-A07
- **Mains adapter external**, not included, can be reordered, KERN FOB-A01
- **2 Tare pan made of stainless steel**, ideal for weighing loose small parts, fruit, vegetables etc., W×D×H 370×240×20 mm, KERN RFS-A02

STANDARD

CAL EXT	TOL	IP 67	INOX	BATT	230 V	DMS	1 DAY
		FOB-LM	FOB-LM	FOB-LM			

OPTION

ACCUR	DAKKS
FOB	+3 DAYS

FACTORY

M
+3 DAYS
FOB-LM

Model	Weighing capacity [Max] kg	Readability [d] g	Verification value [e] g	Minimal load [Min] g	Weighing plate	Option				
						Verification		DAkKS Calibr. Certificate		
							KERN	DAKKS	KERN	
KERN										
FOB 1.5K0.5	1,5	0,5	-	-	A	-	-	963-127		
FOB 3K1	3	1	-	-	A	-	-	963-127		
FOB 6K2	6	2	-	-	A	-	-	963-128		
Note: For applications that require verification, please order verification at the same time, initial verification at a later date is not possible.										
Verification at the factory, we need to know the full address of the location of use.										
FOB 1K-4LM		1,5	0,5	0,5	10	B	965-227		963-127	
FOB 3K-3LM		3	1	1	20	B	965-227		963-127	
FOB 10K-3LM		15	5	5	100	B	965-228		963-128	

New model



## Stainless steel bench scale with large weighing capacities and IP67 protection against dust and water splashes

### Features

- **Stainless steel design** of the housing and weighing plate. Its smooth surfaces make it simple to clean
- Your support in a **HACCP-compliant** quality system
- **High mobility:** thanks to battery operation, compact, lightweight construction, it is suitable for the use in several locations (kitchen, sales office, cafeteria, Food industry-Laboratory etc.)
- **Protection against dust and water splashes IP67** (only when using battery)

### Technical data

- Large backlit LCD display, digit height 25 mm, stainless steel
- Overall dimensions W×D×H 285×255×90 mm
- **Ready for use:** Batteries included, 4×1.5 V AA, operating time up to 48 h
- Net weight approx. 3,8 kg
- Permissible ambient temperature 5 °C/35 °C

### Accessories

- **Protective working cover**, scope of delivery: 5 items, KERN FOB-A13S05
- **Mains adapter external**, not included, not suitable for model FOB 3K-4NL, KERN FOB-A01
- **Tare pan made of stainless steel**, ideal for weighing loose small parts, fruit, vegetables etc., W×D×H 370×240×20 mm, KERN RFS-A02

#### STANDARD



#### OPTION



Model	Weighing capacity [Max] kg	Readability [d] g	Weighing plate W×D mm	Option	
				DAkKS KERN	DAkKS Calibr. Certificate
FOB 3K-4NL <small>NEW</small>	3	0,2	252×200	963-127	
Dual-range balance switches automatically to the next largest weighing capacity [Max] and readability [d]					
FOB 7K-4NL	5   7,5	0,5   1	252×200	963-128	
FOB 10K-3NL	8   15	1   2	252×200	963-128	
FOB 30K-3NL	16   30	2   5	252×200	963-128	

NEW New model



Ideal for food industry, thanks to its IP65 protection and special checkweighing display, now also with EC type approval [M]

**Features**

- **Suitable for the ever-increasing hygienic requirements** in the food industry
- Your support in a **HACCP-compliant** quality system
- **1 Protection against dust and water splashes IP65** (only when using rechargeable battery pack)
- **Very fast display:** steady weight values within 2 s
- **2 Second display** on the rear of the balance
- **Compact size**, practical for small spaces
- **3 Innovative weighing with tolerance range (Checkweighing):** The colour of the display changes depending on the weight (too light/ok/too heavy) and is an aid to help with portioning, dosing and grading

- **High mobility:** thanks to rechargeable battery operation (optional), compact, lightweight construction, it is suitable for the use in several locations
- **Recessed grips on the underside** of the scale for easy transportation
- **Protective working cover** included with delivery

**Technical data**

- Large backlit LCD display, digit height 25 mm
- Weighing plate dimensions, stainless steel, WxD 260x200 mm
- Overall dimensions WxDxH 285x315x128 mm
- Net weight approx. 3,2 kg
- Permissible ambient temperature -10 °C/40 °C

**Accessories**

- **Protective working cover**, scope of delivery: 5 items, KERN RFB-A01S05
- **Rechargeable battery pack internal**, operating time up to 50 h without backlight, charging time approx. 12 h, KERN WTB-A01N
- **4 Tare pan made of stainless steel**, ideal for weighing loose small parts, fruit, vegetables etc., WxDxH 370x240x20 mm, KERN RFS-A02
- **5 Sturdy transport case** to protect and store the scale, dimensions WxDxH 510x360x220 mm, KERN RFB-A02

STANDARD      OPTION      FACTORY

CAL EXT   UNIT   TOL   IP 65   MULTI   DMS   1 DAY   ACCU   DAKKS +3 DAYS   M +3 DAYS WTB-NM

Model	Weighing capacity [Max] kg	Readability [d] g	Verification value [e] g	Minimal load [Min] g	Option		
					Verification		DAkkS Calibr. Certificate
					M	KERN	DAkkS KERN
WTB 1K-4N	1,5	0,2	-	-	↓	-	963-127
WTB 3K-4N	3	0,5	-	-	↓	-	963-127
WTB 6K-3N	6	1	-	-	↓	-	963-128
WTB 10K-3N	15	2	-	-	↓	-	963-128
WTB 30K-3N	30	5	-	-	↓	-	963-128
Note: For applications that require verification, please order verification at the same time, initial verification at a later date is not possible. Verification at the factory, we need to know the full address of the location of use.							
WTB 1K-4NM	1,5	0,5	0,5	10	↓	965-227	963-127
WTB 3K-3NM	3	1	1	20	↓	965-227	963-127
WTB 6K-3NM	6	2	2	40	↓	965-228	963-128
WTB 10K-3NM	15	5	5	100	↓	965-228	963-128
WTB 30K-2NM	30	10	10	200	↓	965-228	963-128





All-round bench scale, protected by stainless steel and IP65 rating, now also with EC type approval [M]

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**Features**

- **1 Ideal for the increased hygienic requirements** in the food, pharmaceutical and chemical industries
- Your support in a **HACCP-compliant** quality system
- **2 Ideal for the robust industrial applications**
- **High mobility:** thanks to battery operation, compact, lightweight construction, it is suitable for the use in several locations (kitchen, sales office, cafeteria, Food industry-Laboratory etc.)
- **Stainless steel design** of the housing and weighing plate. Its smooth surfaces make it simple to clean
- **Recessed grips on the underside** of the scale for easy transportation

- **3 Protection against dust and water splashes IP65** (only when using rechargeable battery pack)

**Technical data**

- Large backlit LCD display, digit height 25 mm
- Dimensions weighing surface, stainless steel, WxD 230x190 mm
- Overall dimensions WxDxH 230x300x130 mm
- Rechargeable battery pack internal, operating time up to 50 h without backlight, charging time approx. 12 h
- Net weight approx. 4,0 kg
- Permissible ambient temperature  
KERN FFN-N: 0 °C/40 °C  
KERN FFN-NM: -10 °C/40 °C

**Accessories**

- **Tare pan made of stainless steel**, ideal for weighing loose small parts, fruit, vegetables etc., WxDxH 370x240x20 mm, KERN RFS-A02

STANDARD

CAL EXT UNIT IP 65 INOX ACCU MULTI DMS 1 DAY

OPTION FACTORY

DAkkS +3 DAYS M +3 DAYS

Model	Weighing capacity [Max] kg	Readability [d] g	Verification value [e] g	Minimal load [Min] g	Option			
					Verification		DAkkS Calibr. Certificate	
					M KERN		DAkkS KERN	
KERN								
FFN 1K-4N	1,5	0,2	-	-	-	-	963-127	
FFN 3K0.5IPN	3	0,5	-	-	-	-	963-127	
FFN 6K1IPN	6	1	-	-	-	-	963-128	
FFN 15K2IPN	15	2	-	-	-	-	963-128	
FFN 25K5IPN	25	5	-	-	-	-	963-128	
Note: For applications that require verification, please order verification at the same time, initial verification at a later date is not possible. Verification at the factory, we need to know the full address of the location of use.								
FFN 1K-4NM	1,5	0,5	0,5	10	965-227		963-127	
FFN 3K1IPM	3	1	1	20	965-227		963-127	
FFN 6K2IPM	6	2	2	40	965-228		963-128	
FFN 15K5IPM	15	5	5	100	965-228		963-128	
FFN 25K10IPM	25	10	10	200	965-228		963-128	



Robust, space-saving bench scale, protected by stainless steel and IP68 rating – with EC type approval [M]

**Features**

- **Suitable for the ever-increasing hygienic requirements** in the food industry
- Your support in a **HACCP-compliant** quality system
- **Ideal for the robust industrial applications protection against dust and water splashes IP68**, ideal for harsh ambient conditions. Submersion in water actually possible
- **Stainless steel design** of the housing and weighing plate. Its smooth surfaces make it simple to clean
- **Very fast display**: steady weight values within 2 s
- **High mobility**: thanks to battery operation, compact, lightweight construction, it is suitable for the use in several locations (kitchen, sales office, cafeteria, Food industry-Laboratory etc.)

- **1 Recessed grips on the underside** of the scale for easy transportation
- **Weighing with tolerance range (check-weighing)**: a visual and audible signal helps with portioning, dispensing or grading

**Technical data**

- Large backlit LCD display (FXN-M: green), digit height 25 mm
- Dimensions weighing surface, stainless steel, W×D 236×195 mm
- Overall dimensions W×D×H 240×280×120 mm
- **Ready for use**: Batteries included, 4×1.5 V Size D, operating time up to 200 h, AUTO-OFF function to preserve the battery
- Net weight approx. 3,2 kg
- Permissible ambient temperature  
KERN FXN-N: 0 °C/40 °C  
KERN FXN-M: -10 °C/40 °C

**Accessories**

- **2 Tare pan made of stainless steel**, ideal for weighing loose small parts, fruit, vegetables etc., W×D×H 370×240×20 mm, KERN RFS-A02
- Further details, plenty of further accessories and suitable printers see *Accessories*

**Note:** Official verification duty for commercial trade

STANDARD



OPTION



FACTORY



Model	Weighing capacity [Max] kg	Readability [d] g	Verification value [e] g	Minimal load [Min] g	Smallest part weight [Normal] g/piece	Option		
						Verification	DAkkS Calibr. Certificate	
KERN						M KERN		DAkkS KERN
FXN 3K-4N	3	0,5	-	-	5	-		963-127
FXN 6K-3N	6	1	-	-	10	-		963-128
FXN 10K-3N	15	2	-	-	20	-		963-128
FXN 30K-3N	30	5	-	-	50	-		963-128
Note: For applications that require verification, please order verification at the same time, initial verification at a later date is not possible. Verification at the factory, we need to know the full address of the location of use.								
FXN 3K-3M	3	1	1	20	5	965-227		963-127
FXN 6K-3M	6	2	2	40	10	965-228		963-128
FXN 10K-3M	15	5	5	100	20	965-228		963-128
FXN 30K-2M	30	10	10	200	50	965-228		963-128





Stainless steel platform scales with IP65/67 protection, also with XL platform or EC type approval [M]

- Rechargeable battery pack internal, operating time up to 35 h without backlight, charging time approx. 12 h
- Permissible ambient temperature -10 °C/40 °C

Features

- **Ideal for the robust industrial applications**
- **1 Platform:** made entirely of stainless steel, silicone-coated stainless steel load cell, protection against dust and water splashes IP67
- **2 Display device:** stainless steel, protection against dust and water splashes IP65, (only when using rechargeable battery pack)

- **3 SFB-H: Column,** standard, for models with weighing plate size 300x240 mm: Column height approx. 200 mm  
400x300 mm: Column height approx. 200 mm

Technical data

- Large backlit LCD display, digit height 52 mm
- Dimensions of display device WxDxH 266x165x96 mm
- Cable length of display device approx. 3 m

Accessories

- **Data interface RS-232,** interface cable included, approx. 1,5 m, must be ordered at purchase, KERN KFN-A01
- **Stand** to be screwed onto the platform, height of stand approx. 600 mm, KERN SFB-A01
- **4 Stand** to elevate display device, height of stand approx. 800 mm, **Stand** to elevate display device, height of stand approx. 800 mm, KERN BFS-A07
- Further details, plenty of further accessories and suitable printers see *Accessories*

STANDARD: CAL EXT, GLP, PRINTER, PCS, SUM, TOL, IP 65, IP 67, INOX, ACCU, MULTI, DMS, 1 DAY

OPTION: DAKKS +3 DAYS

FACTORY: RS 232, +3 DAYS

M SFB-M/SFB-HM

Model	Weighing capacity [Max] kg	Readability [d] g	Verification value [e] g	Minimal load [Min] g	Net weight approx. kg	Weighing plate WxD	Option		
							Verification	DAkKS	Calibr. Certificate
<b>KERN</b>									
<b>SFB 50K-3XL</b>	50	5	-	-	14	500x400	↓	-	963-128
<b>SFB 100K-2L</b>	100	10	-	-	14	500x400		-	963-129
<b>SFB 100K-2XL</b>	100	10	-	-	26	650x500	↓	-	963-129
<b>SFB 200K-2XL</b>	200	20	-	-	26	650x500	↓	-	963-129
with elevated display									
<b>SFB 10K1HIP</b>	10	1	-	-	8	300x240		-	963-128
<b>SFB 20K2HIP</b>	20	2	2	-	8	300x240		-	963-128
<b>SFB 50K5HIP</b>	50	5	5	-	8	300x240		-	963-128
<b>SFB 50K5LHIP</b>	50	5	5	-	8	400x300	↓	-	963-128
<b>SFB 100K10HIP</b>	100	10	-	-	14	400x300	↓	-	963-129
Note: For applications that require verification, please order verification at the same time, initial verification at a later date is not possible. Verification at the factory, we need to know the full address of the location of use.									
<b>SFB 60K-2XLM</b>	60	20	20	400	16	500x400		965-229	963-129
<b>SFB 100K-2XLM</b>	150	50	50	1000	24	650x500	↓	965-229	963-129
<b>SFB 300K-1LM *</b>	300	100	100	2000	26	650x500	↓	965-229	963-129
with elevated display									
<b>SFB 15K5HIPM</b>	15	5	5	100	8	300x240	↓	965-228	963-128
<b>SFB 30K10HIPM</b>	30	10	10	200	8	300x240	↓	965-228	963-128
<b>SFB 60K20LHIPM</b>	60	20	20	400	14	400x300	↓	965-229	963-129
<b>SFB 100K-2HM</b>	150	50	50	1000	13	400x300	↓	965-229	963-129

\* ONLY WHILE STOCKS LAST

↓ Price reduction



## Stainless steel platform scale with stainless steel IP68 display and EC type approval [M]

### Features

- **Ideal for the robust industrial applications**
- **Platform:** made entirely of stainless steel, silicone-coated stainless steel load cell, protection against dust and water splashes IP68. Substruction in wing design, extremely resistant to bending. Earthed weighing plate, to reduce static charge
- **Display device:** stainless steel, protection against dust and water splashes IP68, integrated power supply
- **Suitable for the ever-increasing hygienic requirements** in the food industry
- **Wall mount** for display device, standard
- **Superior display size:** digit height 55 mm, bright backlight for easy reading of weighing results, even in poor lighting conditions
- Easy-to use KERN menu structure with printout of weighing results which can be intuitively adapted

- Thanks to **interfaces** such as RS-232, RS-485 and Bluetooth (optional) the scale can easily be connected to existing networks and facilitates the data exchange between the scale and printer

### Technical data

- Large backlit LCD display, digit height 55 mm
- Weighing plate dimensions, stainless steel W×D×H
  - A 300×240×86 mm
  - B 400×300×89 mm
  - C 500×400×123 mm
  - D 650×500×133,5 mm
- Dimensions of display device W×D×H 232×170×80 mm
- Cable length of display device approx. 2,5 m

### Accessories

- **Stand** to elevate display device, must be ordered at purchase, for models with weighing plate size
  - A-D Height of stand approx. 200 mm, KERN IXS-A02
  - B-D Height of stand approx. 400 mm, KERN IXS-A03
  - C-D Height of stand approx. 600 mm, KERN IXS-A04
- **Rechargeable battery pack internal**, operating time up to 80 h without backlight, charging time approx. 12 h, must be ordered at purchase, KERN GAB-A04
- **Data interface RS-232**, interface cable included, approx. 1,5 m, must be ordered at purchase, KERN KXS-A04
- **Data interface RS-485**, must be ordered at purchase, KERN KXS-A01
- **Foot switch**, must be ordered at purchase, KERN KXS-A03
- **Bluetooth data interface** for wireless data transfer to PC or tablets, must be ordered at purchase, not in combination with verification, KERN KXS-A02
- Further details, plenty of further accessories and suitable printers see *Accessories*

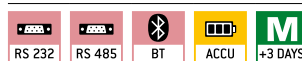
### STANDARD



### OPTION



### FACTORY



Model	Weighing capacity [Max] kg	Readability [d] g	Verification value [e] g	Minimal load [Min] g	Linearity g	Weighing plate	Option		
							Verification		DAkKS Calibr. Certificate
							M	KERN	DAKKS KERN
SXS 6K-3M	3   6	1   2	1   2	20   40	± 1   2	A	↓	965-228	963-128
SXS 10K-3M	6   15	2   5	2   5	40   100	± 2   5	A	↓	965-228	963-128
SXS 10K-3LM	6   15	2   5	2   5	40   100	± 2   5	B	↓	965-228	963-128
SXS 30K-2M	15   30	5   10	5   10	100   200	± 5   10	B	↓	965-228	963-128
SXS 30K-2LM	15   30	5   10	5   10	100   200	± 5   10	C	↓	965-228	963-128
SXS 60K-2M	30   60	10   20	10   20	200   400	± 10   20	B	↓	965-229	963-129
SXS 60K-2LM	30   60	10   20	10   20	200   400	± 10   20	C	↓	965-229	963-129
SXS 100K-2M	60   150	20   50	20   50	400   1000	± 20   50	C	↓	965-229	963-129
SXS 100K-2LM	60   150	20   50	20   50	400   1000	± 20   50	D	↓	965-229	963-129
SXS 300K-2M	150   300	50   100	50   100	1000   2000	± 50   100	D	↓	965-229	963-129

Dual-range balance switches automatically to the next largest weighing capacity [Max] and readability [d]

Note: For applications that require verification, please order verification at the same time, initial verification at a later date is not possible.

Verification at the factory, we need to know the full address of the location of use.

